

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-04 10:48:58

Date of Next Testing: 2027-01-03 10:48:58

Product Name: **D(+)-Altrose**

CAS Number: 1990-29-0

Specifications & Purity: $\geq 99\%$

Lot #: D1901030

SKU #: **A111909**Version: **0**Analysis #: **173572**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in H}_2\text{O})}$	31-35 (°)	32.30000°
Purity(HPLC)	98-100 (%)	99.99000 %
Appearance (A111909)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Carbon NMR Spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager